

“Descriptions of certain species of Diurnal Lepidoptera, found within the limits of the United States and British America, No. 1, by W. H. Edwards.”

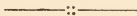
And were referred to Committees.

#### NEW BUSINESS.

The thanks of the Society were unanimously voted to William S. Wilson, Esq., for his kindness and liberality in presenting the Society with a complete set of Silliman's American Journal of Science and Arts, from the commencement to January, 1863.

#### ELECTIONS.

Mr. James H. Ridings, of Philadelphia, was elected a *Resident Member*, and Messrs. Isaac C. Martindale, of Byberry, Pa., Homer F. Bassett, of Waterbury, Conn., and Samuel Auxer, of Lancaster, Pa., were elected *Corresponding Members* of the Society.



#### Descriptions of a few supposed new species of North American COLEOPTERA.

BY JAMES H. B. BLAND.

#### CYCHRUS RIDINGSII n. sp.

Cupreous; head black; thorax smooth, heart shaped, narrowed posteriorly; elytra oblong, convex, striated, regularly punctured.

*Hab.* Virginia. (Coll. Entom. Soc. Phila.)

♀. Head black, shining, four basal joints of the antennæ black; terminal joint of palpi elongate; mouth dark rufous. Thorax smooth, shining, heart shaped, suddenly constricted posteriorly; a deep longitudinal sulcus on the dorsal surface, a few impressions near the lateral margin which is slightly elevated, posterior margin deeply impressed and slightly punctured. Elytra oblong, convex, regularly striated, neatly punctured, the striæ near the suture continues to the tip. Epipleuræ dark blue, beneath black, legs picuous. Length 7 lines.

This pretty little species was collected in Hampshire Co., Virginia, and

presented by Mr. James Ridings, to whom I dedicate it. It has somewhat the appearance of being a very small specimen of *C. Andrewsii* Harris, but on comparison the differences are very apparent; the great diversity in size, the smooth thorax, and the striae of the elytra continuing regular to almost the tip, are characters readily observed. The punctures on the thorax of *Andrewsii* cover a considerable portion of the surface, which is also transversely rugose. The thorax of the species above described is not at all rugose, and only a few scattered punctures are visible about the posterior margin; the sides of the thorax are more angulated and more suddenly constricted posteriorly than in *Andrewsii*; the lateral margin of the elytra is regularly and broadly rounded and not flattened or straightened as in the latter species.

CYCLOCEPHALA LURIDA n. sp.

Yellowish-brown, punctured; head black; elytra mottled with brown.  
*Hab.* Texas. (Coll. Entom. Soc. Phila.)

Body yellowish-brown, punctured. Head black, coarsely punctured between the eyes, smooth on the vertex and basal margin; clypeus dark rufous, roughly and densely punctured. Thorax deeply and sparsely punctured, with a smooth dorsal line which divides a large dusky mark on the dorsal surface; a small, brown, shallow impression on either side before the middle. Scutellum yellowish margined with black, sparsely punctured. Elytra irregularly mottled with brown, somewhat sparsely punctured; humeri prominent; sides deeply impressed near the humeri; suture black. Beneath minutely and closely punctured and clothed with erect yellowish hairs. Legs yellowish-brown, punctured; femora slightly tipped with black; tibial spurs black; tarsi brown. Length 7 lines.

Four specimens from Western Texas, presented by Dr. Geo. H. Horn. The punctures on each elytron are so arranged as to form apparently three smooth, irregular, longitudinal lines, each line being bounded on either side by a regular row of punctures; otherwise the punctures are irregularly scattered over the surface. The clypeus is shaped as in *immaculata*. But the form of the body is more robust than that of the latter species.

CORYMBITES FULVIPES n. sp.

Black, clothed with a short whitish pubescence; legs bright fulvous.

*Hab.* Virginia. (Coll. Entom. Soc. Phila.)

Body very elongate, black, shining and clothed with a short whitish

pubescence. Antennæ deep black, opaque, half the length of the body, compressed and strongly serrate; 3rd to 10th joints about equal in length, terminal joint longest and suddenly constricted at its apex. Head and thorax densely and profoundly punctured, the latter almost half the length of the elytra, with a deep longitudinal sulcus on the disk not quite reaching the anterior margin; sides almost straight, slightly wider in front; anterior angles slightly rounded, posterior angles very long, divergent and distinctly carinated with their apex truncate; posterior margin strongly impressed on either side. Elytra gradually attenuated behind the middle; striæ well impressed, apparently impunctured; interstices minutely punctured. Beneath, the abdomen and postpectus are shining and minutely punctured; the disk of the thorax is shining, deeply and somewhat sparsely punctured, and the sides are subopaque and very densely and confluent punctured. Legs bright fulvous, tarsi dusky. Length 7 lines.

Collected in Hampshire County, Virginia, and presented by E. T. Cresson. The antennæ have the appearance of being 12-jointed in consequence of the singular constriction of the apex of the terminal joint.

\* CORYMBITES NEBRASKENSIS n. sp.

Head, thorax, scutellum, and body beneath black; elytra reddish yellow.

*Hab.* Nebraska. (Coll. Entom. Soc. Philada.)

Body black, shining. Head densely punctured, piceous. Antennæ light brown varied with dark brown, 3rd joint subcylindrical, 4th and following joints serrate, terminal joint attenuated. Thorax short, not longer than wide, deep black, shining; sides broadly rounded; posterior angles short, acute and slightly divergent, and apparently not carinated; basal margin somewhat deeply impressed on either side, and sparsely clothed with yellowish pubescence (which may, in fresh specimens, cover the whole surface of the thorax). Scutellum black, with a shallow depression on the disk. Elytra reddish-yellow, deeply impressed around the scutellum; base not wider than the thorax; sides distinctly impressed above the middle, then gradually dilating to the posterior third and then rounded to the apex; dorsal surface flattened, sides deflexed with the margin prominent and slightly reflexed; striæ punctured, deeply impressed at the base of the elytra but not quite reaching the extreme basal margin, less deeply impressed towards the apex where they become almost obsolete; interstices flat and very minutely punctured. Body beneath shining black, minutely punctured. Legs light brown, thighs darker. Length  $4\frac{1}{2}$  lines.

Collected near Fort Benton, on the upper Missouri, by Mr. John Pear-sall, and presented by him to the Society.

CYMATODERA PUNCTICOLLIS n. sp.

Body yellowish; thorax with a small black puncture on the disk; elytra with two transverse blackish bands.

*Hab.* Texas. (Coll. Entom. Soc. Phila.)

Body yellowish, thickly clothed with yellow hairs. Head shining; mandibles tipped with black. Antennæ 11-jointed, 2nd, 3rd and 4th joints about equal. Thorax shining, very minutely punctured, suddenly constricted at the posterior third and enlarging again at the base; a small, black, shining puncture on the disk. Elytra yellowish, deeply punctured in regular rows apparently without impressed striæ; a narrow, indistinct, blackish, transverse band near the base, extending from the suture to near the lateral margin; at the posterior third a broad, blackish, distinct, transverse band, also extending from the suture to near the lateral margin. Body beneath yellowish, clothed with yellowish hairs. Legs very minutely punctured, Length 2 lines.

This pretty little species was collected in Western Texas by Mr. E. T. Cresson, and presented by him to the Society. The antennæ, head and thorax are somewhat darker in color than the remainder of the body.

ORTHOPEURA TEXANA n. sp.

Dark piceous, shining, densely punctured, clothed with rather short golden-yellow hairs.

*Hab.* Texas. (Coll. Entom. Soc. Phila.)

Body dark piceous, thickly clothed with golden-yellow hairs. Head closely and coarsely punctured; eyes very large and coarsely granulated; palpi dark brown; three terminal joints of the antennæ black, remaining joints dark rufous and furnished with yellowish setæ. Thorax densely punctured, with the hairs short and erect. Elytra closely and deeply punctured, depressed at the base between the humeri and scutellum; the hairs on the surface are prostrate. Beneath dark piceous, subsericeous, minutely punctured. Legs piceous, clothed with rather long light colored hairs. Length 6 lines.

Three specimens from Western Texas, presented by Dr. Horn and E. T. Cresson.